

PATENT NUMBER

U.S. UTILITY Patent Application

O.I.P.E.

PATENT DATE

SCANNED

Q.A. AG

APPLICATION NO.

09/712813

CONT/PRIOR

CLASS

SUBCLASS

ART UNIT

EXAMINER

APPLICANTS

37411

$$\begin{aligned} \frac{\partial^2 \mathcal{L}}{\partial \mathbf{w}^2} &= \frac{\partial}{\partial \mathbf{w}} \left(\frac{\partial \mathcal{L}}{\partial \mathbf{w}} \right) = \frac{\partial}{\partial \mathbf{w}} \left(\frac{\partial}{\partial \mathbf{w}} \left(\frac{1}{2} \sum_{i=1}^n \left(\mathbf{w}^T \mathbf{x}_i - y_i \right)^2 \right) \right) \\ &= \frac{\partial}{\partial \mathbf{w}} \left(\sum_{i=1}^n \left(\mathbf{w}^T \mathbf{x}_i - y_i \right) \mathbf{x}_i \right) \\ &= \sum_{i=1}^n \left(\mathbf{x}_i \mathbf{x}_i^T \right) \end{aligned}$$

For the purpose of this study, the following hypotheses were formulated:

PTO-2040
12/99

ISSUING CLASSIFICATION

[illegible]☐ Continued on Issue Slip Inside File Jacket

<input type="checkbox"/> TERMINAL DISCLAIMER	DRAWINGS		CLAIMS ALLOWED	
	Sheets Drwg.	Figs. Drwg.	Print Fig.	Total Claims
<input type="checkbox"/> The term of this patent subsequent to _____ (date) has been disclaimed.	_____ (Assistant Examiner) (Date)		NOTICE OF ALLOWANCE MAILED	
	_____ _____ (Primary Examiner) (Date)		ISSUE FEE	
			Amount Due	Date Paid
<input type="checkbox"/> The term of this patent shall not extend beyond the expiration date of U.S. Patent. No. _____ _____ _____	_____ (Primary Examiner) (Date)		ISSUE BATCH NUMBER	
<input type="checkbox"/> The terminal _____ months of this patent have been disclaimed.	_____ (Legal Instruments Examiner) (Date)			

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